



Year 7 Science Curriculum Map Overview

A.Y 2021-2022



Y7	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
TOPICS	<p>Fundamentals of living Organisms, and intro to cells</p> <p>Cell structure and organelles (Plant and animal)</p> <p>Mirco-organisms</p> <p>Cellular organisation and systems</p>	<p>Human Skeleton</p> <p>Biomechanics</p> <p>Muscles functions</p> <p>Vertebrate reproduction</p> <p>Plant structure</p> <p>Plant reproduction</p> <p>Revision</p>	<p>Periodic table</p> <p>Atoms, elements and Compounds</p> <p>Particle models</p> <p>States of matter</p> <p>Energy in matter</p>	<p>Energy in matter</p> <p>Pure and impure substances</p> <p>Revision</p>	<p>Forces</p> <p>Calculating fuel use and Cost</p> <p>Energy changes and Transfers</p> <p>Changes in systems</p> <p>Revision</p>





Year 8 Science Curriculum Map Overview

A.Y 2021-2022



Y8	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
TOPICS	Gas exchange in mammals (humans)	Recreational drugs and their Effects	Periodic table	Physical changes	Space physics
	The lungs structure and Health impacts	Aerobic and anaerobic Respiration	Atoms, elements and Compounds	Earth and the atmosphere	Magnetism
	Nutrition and healthy diet	Photosynthesis and stomata	Chemical reactions and Formula	Space physics	Current electricity
	The human digestive System	Leaf structures and Adaptations	Physical changes		Static electricity
		Earths dependency on plants			Revision
		Revision			

